

CLAIMS

I claim:

1. Apparatus for dental treatment, comprising a base and a treatment unit, which treatment unit comprises one or more treatment instruments and one or more lines for the supply of water, air and electricity, characterized in that in between the base and the treatment unit a connecting piece is provided by means of which the treatment unit can be disconnected from and connected to the base.

2. Apparatus according to claim 1, characterized in that the connecting piece is formed by a first part and a second part which are provided with cooperating connector parts for the supply of water, air and electricity, whereby, when the two parts are coupled to each other the connector parts are connected to each other, in such a way that the lead-through of water, air and electricity from the base to the treatment unit is established, whereby the second part is provided with an opening through which a drawing pen is movable, while the drawing pen at one outer end is fixed to a cable and at the other outer end is provided with an inner flanged edge and, spaced there from, an outer flanged edge, whereby in between the inner flanged edge and the second part a spring is provided, by which the drawing pen is supported on the second part and by means of which the drawing pen can be drawn against spring force through the opening by the cable, while the first part is provided with a first opening having a diameter such, that this can be moved over the outer flanged edge, while the first opening extends into a second opening, having a diameter which is smaller than the diameter of the outer flanged edge but which is larger than the diameter of the drawing pen, whereby, when the first part with the second opening is placed in between the flanged edges and leans against the outer flanged edge, by pulling the cable the first part is moved towards the second part, in such a way, that the connector parts are coupled to each other.

3. Apparatus according to claim 1, characterized in that the second part is provided with a sleeve in which the drawing pen is movable, while the spring is supported on the second part by means of the sleeve.

4. Apparatus according to one of the preceding claims, characterized in that the one part is provided with at least two guide pens and the other part is provided with at least two guide holes for receiving the guide pens, in such a way that the first part and the second part can be connected to each other in a fixed position.

5. Apparatus according to claim 4, characterized in that the guide pens are conical pens.

6. Apparatus according to claim 4, characterized in that the guide pens have a length such that the outer ends thereof extend beyond the inner flanged edge of the drawing pen when the drawing pen is pushed out by the spring that is supported by the second part.

7. Apparatus according to claim 4, characterized in that guide slots extend into the guide holes for receiving the outer ends of the guide pens, in such a way, that when the parts are being connected to each other and the drawing pen is being moved from the first opening into the second opening, the outer ends of the guide pens are forced by means of the guide slots into the guide holes.

8. Apparatus according to one of the preceding claims, characterized in that the connector parts for the electrical current supply are provided in top of the parts.

9. Apparatus according to one of the preceding claims, characterized in that the connector parts for the supply of the electrical current are provided above the connector parts for the supply of water.

10. Apparatus according to one of the preceding claims, characterized in that the openings are provided centrally in the parts.

****for U. S. filing****

11. Apparatus according to one of the preceding claims, characterized in that the space between the inner flanged edge and the outer flanged edge of the drawing pen is only somewhat larger than the thickness of the first part, such that the first part fits closely therein between.

12. Apparatus according to one of the preceding claims, characterized in that the diameter of the inner flanged edge is larger than the diameter of the first opening in the first part.